

Mable Musiimenta

Email: mablemusii22@gmail.com

LinkedIn: www.linkedin.com/in/mable-musiimenta-2241042aa

GitHub: <https://github.com/MableMusiiimenta/MableMusiiimenta>

Phone: +256787128936/+256708738145

Professional Summary:

As a skilled Software Developer, I specialize in designing, developing, and maintaining software applications. With a strong foundation in Python and extensive experience in building both front-end and back-end systems, I excel in addressing complex issues with efficient solutions. My attention to detail and robust problem-solving abilities ensure high-quality results. I am passionate about learning new technologies and staying current with industry trends. My collaborative approach and effective communication skills make me a valuable asset to any development team.

Technical Skills

- Python
- Django, Bootstrap Framework
- NestJs
- ReactJs
- MySQL
- UI/UX Design
- Git/Github
- Lean and Agile methodologies
- CI/CD using Github Actions

Soft Skills:

- Effective Communication
- Project Management
- Problem-solving
- Collaboration
- Adaptability
- Quick learner
- Critical thinking

Experience

Software Engineering Apprentice, Refactory Academy August 2024 - December 2024

- **Collaborative Teamwork:** I worked collaboratively with a team of six other apprentices, contributing to the successful completion of various projects.
- **Boot Camp Participation:** I participated in a four-month intensive boot camp, collaborating with a group of seven team members to gain hands-on experience and improve technical skills.
- **Project Management and Execution:** I was actively involved in the planning, execution, and management of projects, ensuring timely delivery and quality of work.

Project 1

Learning Management System (Web App) with NestJs/ MongoDB/NodeJs and ReactJs

Internship at Refactory Academy

- **Building Backend Infrastructure:** I contributed to designing and developing the backend architecture from scratch using NestJS, supporting students, facilitators, and administrators in a scalable and robust system.
 - **Automating User Management with Refactory Information System API:** We integrated the Refactory Information System API into the backend, automatically fetching and adding facilitators and enrolled students, streamlining user management.
 - **Introducing Self-Onboarding for Facilitators and Students:** We built backend services to support self-onboarding, empowering users to complete their registration process independently, thus reducing administrative workload.
 - **CI/CD Pipeline Setup:** On the team's behalf, I implemented CI/CD pipelines using GitHub Actions for both the frontend and backend, ensuring automated testing, building, and deployment, improving overall development efficiency.
 - **Technology Utilization:** We utilized NestJS for backend development, integrated ReactJS for the frontend, and managed the project with Trello and Microsoft Teams for communication.
 - **Improving System Efficiency:** We focused on enhancing performance and reliability for students, facilitators, and administrators by optimizing the backend and addressing key bottlenecks.
 - **Collaborative Development from Scratch:** Working with a team of seven apprentices, I helped build the backend from the ground up, ensuring smooth API integration and a strong system foundation.
-

Project 2

Daycare Management System with Python/Django/MySQL

- This project required me to build a software system for the administrator to manage sitters and babies at the center, procure items like milk and diapers and manage sales of dolls to babies away from their paper-based norms.
- I managed to achieve this using Python and Django, HTML, and CSS, and then lastly JavaScript. For the database, I used an SQL server.

Education

- Certificate in Python Development, Refactory Academy Feb 2024 - May 2024
- Advanced Certificate of Software Engineering, Refactory Academy Jan 2024 - Dec 2024
- Diploma in Education Secondary(French), Kyambogo University 2017-2019
- Uganda Advanced Certificate of Education, Mount of Olives College Kakiri, 2015-2016
- Uganda Certificate of Education, Mount of Olives College Kakiri, 2011-2014

Languages

- English
- Runyoro/Rutooro
- Luganda

References

1. Felice La Notte

Senior Software Developer, Acronis

felice.lanotte@acronis.com

+39 349 388 1035

2. Ms. Dorothy Oyella

Placements Lead, Refactory Academy Uganda

doyella@refactory.academy

+256772122523

3. Ms. Esther Nansubuga

Program Manager, Groundbreaker Talents Uganda

esther@groundbreaker.org

+256784462913